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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Tadayoshi Mitsuhashi
Int'l Application No.	:	PCT/JP03/13767
U.S. Application No.	:	10/533,277
Int'l Filing Date	:	October 28, 2003
Title	:	METHODS FOR DETERMINING GENETIC RESISTANCE OF PIGS TO DISEASES CAUSED BY RNA VIRUSES

Docket No.	:	690107.404USPC
Date	:	November 28, 2005

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited references are enclosed. As to any reference cited, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicant believes this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

William T. Christiansen, Ph.D.
Registration No. 44,614

Enclosures:
Postcard
Form PTO-1449
Cited References (14)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

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FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	APPLICATION NO.
		690107.404USPC	10/533,277
		APPLICANT	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Tadayoshi Mitsuhashi	
		FILING DATE	GROUP ART UNIT
		October 28, 2003	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AF	2001-238679	09/04/01	JP (+ Translation in English)	X	
	AG					
	AH					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AI		Aebi, M., et al., "cDNA Structures and Regulation of Two Interferon-induced Human Mx Proteins," *Mol. Cell Biol. 9*(11):5062-72, November 1998.
	AJ		Arnheiter, H., et al., "Transgenic Mice with Intracellular Immunity to Influenza Virus," *Cell. 62*(1):51-61, July 13, 1990.
	AK		Asano, A., et al., "Buta No Virus Teikosei Idenshi Mx no Kino Kaiseki," *Japanese Society of Veterinary Science Gakujutsu Shukai Koen Yoshishu 132*:146, 2001. PS-6060.
	AL		Asano, A., et al., "Polymorphisms and the Antiviral Property of Porcine Mx1 Protein," *J. Vet. Med. Sci. 64*(12):1085-9, December 2002.
	AM		Haller, O., et al., "Mx Proteins: Mediators of Innate Resistance to RNA Viruses," *Rev. Sci. Tech. 17*(1):220-30, April 1998.
	AN		Horisberger, M., et al., "Interferon Induces a Unique Protein in Mouse Cells Bearing a Gene for Resistance to Influenza Virus," *Proc Natl Acad Sci U S A. 80*(7):1910-4, April 1983.
	AO		Horisberger, M., "Interferons, Mx Genes, and Resistance to Influenza Virus," *Am. J. Respir. Crit. Care Med. 152*(4 Pt 2):S67-71, October 1995.

EXAMINER	DATE CONSIDERED

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U.S. PATENT DOCUMENTS

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	BA						
	BB						
	BC						
	BD						
	BE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	BF					
	BG					
	BH					

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	BI		Jin, H., et al.,"Characterization and Expression of the Mx1 Gene in Wild Mouse Species," *Biochem. Genet. 36*(9-10):311-22, October 1998.
	BJ		Lindenmann, J., "Inheritance Of Resistance To Influenza Virus In Mice," *Proc. Soc. Exp. Biol. Med. 116*:506-9, June 1964.
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	BL		Nagata, K., et al., "The Mx Protein That Confers the Resistance to Influenza Virus," *Nippon Rinsho. 55*(10):2654-9, October 1997.
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